Record Nr. UNINA9910827572903321 Sustainable energy in China:: the closing window of opportunity // **Titolo** Noureddine Berrah ... [and others] Pubbl/distr/stampa Washington, DC:,: World Bank,, [2007] copyright 2007 1-280-76577-1 **ISBN** 9786610765775 0-8213-6754-4 Descrizione fisica liii, 273 pages: illustrations;; 23 cm Collana Directions in development. Energy and mining Altri autori (Persone) BerrahNoureddine Disciplina 333.790951 Soggetti Energy industries - Environmental aspects - China Energy policy - Environmental aspects - China Energy development - Environmental aspects - China Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Contents; Foreword; Foreword; Preface; About the Authors; Acknowledgments; Acronyms and Abbreviations; Executive Summary; Chapter 1 Introduction; Boxes; Chapter 2 China's Energy Future: The Challenge of Recent Trends; Tables; Figures; Chapter 3 Reining in Future Energy Consumption; Chapter 4 Greening the Energy Sector; Chapter 5 Securing Energy Supply; Chapter 6 Getting the Fundamentals Right; Chapter 7 Shaping the Future toward Sustainability; Appendix A Gross Domestic Product and Energy Consumption in China, 1980-2005; Appendix B Biomass Energy Use in China Appendix C The Chinese System for Energy Statistics: History, Current Situation, and Ways to Improve the SystemAppendix D Energy Costs as a Proportion of Gross Domestic Product: Estimates for China, Japan, and the United States: Appendix E Feedback from the Dissemination Workshop; Appendix F Life-Cycle Costs of Electricity Generation Alternatives with Environmental Costs Factored In; Appendix G International Experience of Insecurity of Energy Supply: Appendix H Strategic Oil Reserves for China

Appendix I Predominant Approaches for Setting Regulated Tariffs for

Gas and Electricity Transmission and DistributionAppendix J Lessons from International Experience: Relevant Examples of Losses Derived from Unsound Energy Pricing; Appendix K Gas Price Formation and Gas Subsector Reform; Appendix L Pricing System to Support Adequate Implementation of State Council Document No. 5 on Power Subsector Reform; Index

Sommario/riassunto

This timely new book uses historical data from 1980 and alternative scenarios through 2020 to assess China's future energy requirements and the resources available to meet them. Current trends are putting China on an unsustainable and insecure energy growth path, characterized by the use of enormous quantities of ""dirty"" coal and an alarming oil import dependence. The authors find that what is urgently needed is a high-level commitment to an integrated, coordinated, and comprehensive policy that is set in the framework of the energy law currently being prepared.